

Notice of Allowability

Application No.

09/833,490

Examiner

Duc C. Ho

Applicant(s)

TORDERA ET AL.

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 5-25-05.
2. ☒ The allowed claim(s) is/are 1, 4-6, 11-12, 39, 51, 7-10, 13-15, 18-24, 52, 25, 40, 26, 29-38, 53, 41, 42, 45-50, 54-60. Renumbered 1-52, respectively.
3. ☒ The drawings filed on 12 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 06-01-05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER 'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John L. Rogitz on 06-01-05.

The application has been amended as follows:

In the claims:

Claims 2, 16, 17, 27, 28, 43, and 44 have been canceled.

Claim 1, line 7, after "engaged", insert ---, wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 13, line 11, after "formats", insert ---, and

a wireless IP transceiver electrically connected to the antenna, wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 18, line 1, "claim 16" has been changed to --- claim 13 ---.

Claim 26, line 10, after "terminal", insert --- wherein the first communication interface and flash memory means is at least one flash memory card, the second communication interface means is at least one universal serial bus (USB) connector,

and the wireless transmitting means is at least one wireless Internet packet (IP) transceiver, and wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 29, line 1, "claim 27" has been changed to --- claim 26 ---.

Claim 42, line 8, after "component", insert --- , wherein the logic device in combination with a communication device embodying the first and second computer interface components and a wireless IP transceiver, and wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 45, line 1, "claim 43" has been changed to --- claim 42 ---.

Claim 52, line 1, "claim 16" has been changed to --- claim 13 ---.

Claim 53, line 1, "claim 27" has been changed to --- claim 26 ---.

Claim 54, line 1, "claim 43" has been changed to --- claim 42 ---.

Claim 55, line 13, "card" has been changed to --- device ---.

Claim 56, line 13, "card" has been changed to --- device ---.

Claim 57, line 13, "card" has been changed to --- device ---.

Reason for allowance

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 4-6, 11-12, 39, 51, 13-15, 18-24, 52, 25, 40, 26, 29-38, 53, 41, 42, 45-50, and 54, the prior arts fail to teach or fairly suggest a communication interface device that comprises a wireless transceiver that operates in a frequency range of between two thousand three hundred million Hertz and two thousand three

hundred ten million Hertz (2300 mhz-2310mhz), inclusive, in combination with other limitations, as specified in the independent claims 1, 13, 26, and 42.

Regarding claims 7-9, and 10, the prior arts fail to teach or fairly suggest a communication interface device that comprises at least one flash memory card electrically connected to the transceiver, wherein the memory card has one and only one chamfered surface, in combination with other limitations, as specified in the independent claim 7.

Regarding claims 55, and 58, the prior arts fail to teach or fairly suggest a wireless communication device for providing at least two communication interface, comprising at least a first computer communication interface component electrically associated with the antenna, the first computer communication interface component defining a first interface format and being a memory device, wherein the memory device has at least one chamfered surface, in combination with other limitations, as specified in the independent claim 55, and 58.

Regarding claim 56, and 59, the prior arts fail to teach or fairly suggest a wireless communication device for providing at least two communication interface, comprising at least a first computer communication interface component electrically associated with the antenna, the first computer communication interface component defining a first interface format and being a memory device, wherein the memory device has a length of fifty millimeters (50mm) and a width of twenty one and a half millimeters (21.5 mm), in combination with other limitations as specified in the independent claim 56, and 59.

Regarding claims 57, and 60, the prior arts fail to teach or fairly suggest a wireless communication device for providing at least two communication interface, comprising at least a first computer communication interface component electrically associated with the antenna, the first computer communication interface component

Art Unit: 2665

defining a first interface format and being a memory device, wherein the first format is a flash memory format, and wherein the flash memory device has ten connectors, in combination with other limitations, as specified in the independent claim 57, and 60.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Friday from 7:00 am to 3:30 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2665

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

A handwritten signature in black ink, appearing to read "Duc Ho", written in a cursive style.

Duc Ho

06-02-05